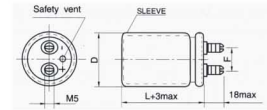


Features

- Long life of 2,000 hours at 105°C.
- Screw terminal type, wide temperature range.
- Suitable for computer, communication power and inverters.
- Having safety vents.

Characteristics

Item	Characteristics		
Operating temperature range	-40~+85°C		-25~+85°C
Rated voltage range	10~100V		160~450V
Capacitance range	1,800~470,000 μF		220~18,000 μF
Capacitance tolerance (at 20°C, 120Hz)	±20%(M)		
Leakage current(I) (at 20°C)	After 5 minute application of rated voltage. I ≤ 0.01CV(μA) or 5mA, whichever is smaller. Where C: Nominal capacitance in μF		
Dissipation factor(Tan δ) (at 20°C, 120Hz)	According to the below		
Low temperature characteristics (at 120Hz)	W. V. (v)		10~100
	Capacitance ratio CT/C+20°C(max.)	C-25°C/C+20°C	≥0.7
Load life			160~400
	The following specifications shall be satisfied when the capacitors are restored to 20°C after the rated voltage with rated ripple current for 2,000 hours at 105°C.		
	Capacitance change	≤20% of the initial value	
Shelf life			
	The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them at 105°C for 1,000 hours without voltage applied		
	Capacitance change	≤10% of the initial value	
Others	tan δ		≤150% of the initial specified value
	I		≤150% of the initial specified value
Satisfies characteristic W of JIS C5141			

Dimensions


D±1.5	35			42		50			65		76		
L	50	60	80	80	100	80	100	120	100	120	100	120	140
F±0.5	14			15		22			28		32		

Case Size DxL(mm), D.F. And Maximum Ripple Current (A rms/at 105°C, 120Hz)

Cap. (μF)	W.V.(v)			10			16			25			35			50		
	DxL	D.F.	I~	DxL	D.F.	I~	DxL	D.F.	I~	DxL	D.F.	I~	DxL	D.F.	I~	DxL	D.F.	I~
3,900																35x50	0.20	2.7
4,700																35x50	0.20	2.9
5,600																35x50	0.20	3.2
6,800																35x50	0.20	3.5
8,200													35x50	0.30	3.2	35x60	0.20	3.7
10,000													35x50	0.30	3.5	35x80	0.25	4.7
12,000									35x50	0.25	3.5	35x60	0.30	4.1	35x80	0.25	5.1	
15,000									35x50	0.35	4.0	35x60	0.30	4.6	35x80	0.25	5.8	
18,000							35x50	0.40	4.1	35x60	0.35	4.7	35x80	0.30	5.8	42x80	0.25	7.0
22,000							35x50	0.40	4.5	35x60	0.35	5.2	35x80	0.30	6.4	42x100	0.25	8.5
27,000	35x50	0.45	4.7	35x60	0.40	5.4	35x60	0.35	6.5	42x80	0.30	7.8	42x100	0.25	9.4			
33,000	35x50	0.50	4.9	35x60	0.45	5.6	35x80	0.40	6.7	42x100	0.30	9.5	50x100	0.25	11.5			
39,000	35x60	0.50	5.8	35x80	0.45	6.9	42x80	0.40	8.1	42x100	0.35	9.6	50x120	0.25	13.5			
47,000	35x80	0.50	7.2	35x80	0.50	7.2	42x100	0.40	9.8	50x100	0.35	11.6	50x120	0.30	13.6			
56,000	35x80	0.50	7.2	42x80	0.50	8.7	42x100	0.45	10.1	50x100	0.40	11.8	65x100	0.35	14.6			
68,000	42x80	0.50	8.7	42x80	0.55	9.1	50x100	0.45	12.3	50x120	0.40	14.1	65x120	0.35	17.5			
82,000	42x80	0.65	9.2	42x100	0.55	11.1	50x100	0.50	12.8	65x100	0.45	15.6	65x120	0.40	19.6			
100,000	42x100	0.65	11.3	42x100	0.65	11.3	50x120	0.50	15.3	65x120	0.45	18.7	76x120	0.45	20.4			
120,000	42x100	0.75	11.5	50x100	0.65	13.6	65x100	0.65	15.7	65x120	0.55	18.5	76x120	0.45	22.4			
150,000	50x100	0.80	13.7	50x120	0.70	15.9	65x120	0.65	19.0	76x120	0.65	20.8						
180,000	50x120	0.80	16.3	50x120	0.80	16.3	65x120	0.80	18.8	76x120	0.80	20.5						
220,000	50x120	0.85	17.4	65x120	0.85	20.2	76x120	0.85	22.0									
270,000	65x120	1.00	20.6	65x120	1.00	20.6	76x120	1.00	22.5									
330,000	76x120	1.20	20.8	76x120	1.30	21.8												
390,000	76x120	1.50	22.1	76x120	1.50	22.1												
470,000	76x120	1.80	22.1	76x140	1.60	25.1												

Cap. (μF)	W.V.(v)			63			80			100			160			200		
	DxL	D.F.	I~	DxL	D.F.	I~	DxL	D.F.	I~	DxL	D.F.	I~	DxL	D.F.	I~	DxL	D.F.	I~
330																35x50	0.15	0.8
470																35x50	0.15	0.9
560																35x50	0.15	1.0
680												35x50	0.15	1.3	35x50	0.15	1.1	
1,000												35x50	0.15	1.6	35x60	0.15	1.5	
1,200												35x60	0.15	1.8	35x60	0.15	1.6	
1,500												35x60	0.15	2.1	35x80	0.15	2.0	
1,800									35x50	0.10	2.6	35x80	0.15	2.6	35x80	0.15	2.2	
2,200						35x50	0.15	2.3	35x50	0.10	2.8	35x80	0.15	2.8	42x80	0.15	2.7	
2,700	35x50	0.20	2.2	35x50	0.15	2.6	35x60	0.10	3.4	42x80	0.15	3.5	42x100	0.15	3.3			
3,300	35x50	0.20	2.5	35x50	0.15	2.8	35x60	0.10	4.3	42x100	0.20	3.7	42x100	0.15	3.3			
3,900	35x50	0.20	2.7	35x60	0.15	3.3	35x80	0.12	4.2	42x100	0.20	4.0	50x100	0.15	3.9			
4,700	35x50	0.20	2.9	35x60	0.15	3.7	35x80	0.12	5.1	50x100	0.20	4.8	65x100	0.20	5.0			
5,600	35x60	0.20	3.5	35x80	0.15	4.5	42x80	0.12	5.6	50x100	0.20	5.3	65x100	0.20	5.5			
6,800	35x60	0.20	3.8	35x80	0.15	5.0	42x100	0.15	6.1	50x120	0.20	6.3	65x120	0.20	6.5			
8,200	35x80	0.20	4.8	42x80	0.20	5.3	42x100	0.15	6.7	65x100	0.20	7.4	65x120	0.20	7.2			
10,000	35x80	0.20	5.3	42x100	0.20	6.4	50x100	0.15	8.2	65x120	0.20	8.9	76x120	0.20	8.7			
12,000	42x80	0.25	5.7	42x100	0.20	7.0	50x120	0.15	9.7	76x100	0.20	9.8	76x120	0.20	9.5			
15,000	42x100	0.25	7.0	50x100	0.20	8.7	50x120	0.15	10.8	76x120	0.20	11.9						
18,000	42x100	0.25	7.7	50x120	0.20	10.3	65x100	0.20	11.0	76x140	0.20	13.9						
22,000	50x100	0.25	9.4	50x120	0.20	11.4	65x120	0.20	13.1									
27,000	50x120	0.25	11.3	65x100	0.25	12.0	65x120	0.25	14.2									
33,000	50x120	0.25	12.5	76x100	0.25	14.6	76x120	0.25	15.7									
39,000	35x100	0.30	13.2	76x100	0.30	14.4	76x140	0.25	18.3									
47,000	65x120	0.30	15.7	76x120	0.30	17.1												
56,000	65x120	0.30	17.1	76x120	0.30	18.7												
68,000	76x120	0.35	19.1															
82,000	76x140	0.40	21.0															

Cap. (μF)	W.V.(v)			250			315			350			400		
	DxL	D.F.	I~	DxL	D.F.	I~	DxL	D.F.	I~	DxL	D.F.	I~	DxL	D.F.	I~
220							35x50	0.10	0.9	35x50	0.10	0.9	35x50	0.10	0.9
330	35x50	0.15	0.9	35x50	0.10	1.1	35x50	0.10	1.1	35x60	0.10	1.2			
470	35x50	0.15	1.1	35x60	0.10	1.4	35x60	0.10	1.4	35x80	0.10	1.8			
560	35x50	0.15	1.2	35x60	0.10	1.5	35x60	0.10	1.5	35x80	0.10	1.8			
680	35x60	0.15	1.4	35x80	0.10	1.9	35x80	0.15	1.6	42x80	0.15	1.7			
1,000	35x80	0.20	1.7	42x80	0.15	2.1	42x100	0.15	2.3	42x100	0.15	2.3			
1,200	35x80	0.20	1.8	42x100	0.15	2.6	42x100	0.15	2.6	50x100	0.15	2.8			
1,500	42x80	0.20	2.2	42x100	0.15	2.9	50x100	0.15	3.2	50x100	0.15	3.2			
1,800	42x100	0.20	2.7	50x100	0.15	3.5	50x120	0.15	3.8	65x100	0.15	4.0			
2,200	42x100	0.20	3.0	50x120	0.15	4.2	50x120	0.15	4.2	65x100	0.15	4.4			
2,700	50x100	0.20	3.7	50x120	0.15	4.6	65x100	0.15	4.9	65x120	0.15	5.3			
3,300	50x120	0.20	4.4	65x100	0.15	5.4	65x120	0.15	5.9	76x120	0.15	6.4			
3,900	50x120	0.20	4.8	65x120	0.15	6.4	76x120	0.15	7.0	76x140	0.15	7.5			
4,700	65x100	0.20	6.1	76x100	0.15	7.1	76x120	0.15	7.7	76x140	0.15	8.2			
5,600	65x120	0.20	6.6	76x120	0.15	8.4	76x140	0.15	8.9						
6,800	76x120	0.20	8.0	76x140	0.15	9.9									
8,200	76x120	0.20	8.8												